### **UTILITY PATENT APPLICATION TRANSMITTAL** (Small Entity)

Total Pages in this Submission

Docket No.

47418.4

(Only for new nonprovisional applications under 37 CFR 1.53(b))

### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** P.O. Box 1450 Alexandria, VA 22313-1450

				for f	iling under 35	U.S	S.C. 111(a) and 37 C.F.R.	1.53	3(b) is a new utility patent applicat	ion for an
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If a C	ONT	NUA	TION	API	PLICATION,	chec	ck appropriate box and sup	ply	the requisite information:	
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							Application Element	ts		
1.	1.   Filing fee as calculated and transmitted as described below									
2.	$\boxtimes$	Spec	cifica	tion I	having		24 pages a	nd i	including the following:	
	•	<b>\sigma</b>	Daa	!	ve Tille of the		antin-			
	a. 🗵 Descriptive Title of the Invention									
	b.   Cross References to Related Applications (if applicable)									
·	c.   Statement Regarding Federally-sponsored Research/Development (if applicable)									
	d.   Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix									
ı	e.	$\boxtimes$	Background of the Invention							
	f.	X	Brief Summary of the Invention							
	g.	$\boxtimes$	Brief Description of the Drawings (if filed)							
	h.	X	Detailed Description							
	i.	i. 🗵 Claim(s) as Classified Below								
	j.	$\boxtimes$	Abst	ract	of the Disclos	sure				

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#### **Application Elements (Continued)** 3. Drawing(s) (when necessary as prescribed by 35 USC 113) Formal a. 🛛 Number of Sheets b. 🗆 Informal **Number of Sheets** ☑ Oath or Declaration a. Newly executed (original or copy) Unexecuted b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) ☐ Without Power of Attorney DELETION OF INVENTOR(S) d. □ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 5. Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. Application Data Sheet (See 37 CFR 1.76) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. Computer Readable Form (CFR) b. Specification Sequence Listing on: i. 🗆 CD-ROM or CD-R (2 copies); or ii. Paper c. Statement(s) Verifying Identical Paper and Computer Readable Copy **Accompanying Application Parts** 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(B) Statement (when there is an assignee) 12. Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Certificate of Mailing

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	Accompanying Application Parts (Continued)								
17.	X	Applicant claims small entity status. See 37 CFR 1.27.							
		☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:							
18.		Additional Enclosures (please identify below):							
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)							
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.							
		Warning							
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.							
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#### Fee Calculation and Transmittal

#### **CLAIMS AS FILED** For #Allowed #Filed #Extra Rate Fee **Total Claims** 18 - 20 = \$9.00 \$0.00 Indep. Claims 3 - 3 = 0 \$0.00 \$43.00 Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$385.00 \$40.00 OTHER FEE (specify purpose) Assignment **TOTAL FILING FEE** \$425.00 A check in the amount of \$425.00 to cover the filing fee is enclosed. The Director is hereby authorized to charge and credit Deposit Account No. 502194 as described below. ☐ Charge the amount of as filing fee. ☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Dated: March 29, 2004 Karen P. Crowley, Registration No. 52,166

CC: Customer No.: 041068

**Buchanan Ingersoll PC** 

1835 Market Street, 14th Floor Philadelphia, PA 19103 Telephone No. (215)665-3813

Facsimile No. (215) 665-8760

CERTIFICATE OF I	MAILING BY "EXPRESS I	MAIL" (37 CFR 1.10)	Docket No. 47418.4							
Serial No.	Filing Date	Examiner	Group Art Unit							
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is being deposited with	the United States Postal Service	e "Express Mail Post Office to Ac	Idressee" service under 37							
CFR 1.10 in an envelo	pe addressed to: Commissioner	for Patents, P.O. Box 1450, Alex	andria, VA 22313-1450 on							
March 29, 2004										
	(Date)									
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